

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|---|------------------|---------|---------------------|
| S1 | 2 | 10/281173 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/24 15:03 |
| S2 | 1 | 10/526059 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/24 15:08 |
| S3 | 1 | 10/830047 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/24 15:11 |
| S4 | 1 | 11/180611 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/24 15:13 |
| S5 | 1 | 08/543555 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/24 15:18 |
| S6 | 1 | 07/010961 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/24 15:19 |
| S7 | 1 | 08/702074 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/24 15:21 |
| S8 | 1 | 09/407260 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/24 15:22 |

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|-----|--------|---------------------------------|---|------|----|---------------------|
| S9 | 1 | 09/523158 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/24 15:25 |
| S10 | 1 | 10/549784 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/24 15:28 |
| S11 | 132766 | single adj crystal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:51 |
| S12 | 188221 | SiC or (silicon adj carbide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:52 |
| S13 | 1456 | S11 adj S12 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:52 |
| S14 | 4039 | 428/698 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:52 |
| S15 | 255 | 117/19 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:52 |
| S16 | 0 | "438.cls" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:52 |

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| S17 | 206765 | "438" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:53 |
| S18 | 0 | "438.ccls" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:53 |
| S19 | 207246 | "438".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:54 |
| S20 | 379980 | doping or doped or dope or dopant | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:54 |
| S21 | 7449249 | Aluminum or Al or (shallow adj acceptors) or (p-type) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:56 |
| S22 | 18845854 | Nitrogen or N or (shallow adj donors) or (n-type) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:56 |
| S23 | 522368 | wafer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:57 |
| S24 | 3632 | (polished adj wafer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:57 |

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| S25 | 4198 | Miller index | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:57 |
| S26 | 8983 | on-axis | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:58 |
| S27 | 24147 | off-axis | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:58 |
| S28 | 211347 | S14 or S15 or S19 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:59 |
| S29 | 272 | S28 and S13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:59 |
| S30 | 18946254 | S29 and S21 or S22 or S20 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 16:59 |
| S31 | 112 | (net adj carrier adj concentration) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 17:01 |
| S32 | 3796 | carrier adj lifetime | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 17:01 |

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| S33 | 14 | S13 and (S31 or S32) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 17:01 |
| S34 | 14382 | carrier adj concentration | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 17:19 |
| S35 | 149 | S13 and (S32 or S34) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/25 17:20 |
| S36 | 132833 | single adj crystal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 08:18 |
| S37 | 132833 | S36 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 08:18 |
| S38 | 188310 | SiC or (silicon adj carbide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 08:18 |
| S39 | 188310 | S38 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 08:18 |
| S40 | 2664 | S36 NEAR S38 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 08:18 |

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| S41 | 3797 | carrier adj lifetime | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 08:18 |
| S42 | 3797 | S41 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 08:18 |
| S43 | 23 | S41 and S40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 08:18 |
| S44 | 143 | "4,866,005" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 08:24 |
| S45 | 4198 | Miller index | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 10:02 |
| S46 | 4198 | S45 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 10:02 |
| S47 | 28 | S45 and S40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 10:03 |
| S48 | 81 | S45 and (on-axis or off-axis) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 10:03 |

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| S49 | 7 | S48 and S40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 10:04 |
| S50 | 1900490 | semiconductor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 10:11 |
| S51 | 522726 | wafer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 10:12 |
| S52 | 522726 | S51 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 10:12 |
| S53 | 259249 | Method and S50 and S51 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 10:12 |
| S54 | 3 | "6734461" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 10:19 |
| S55 | 1 | 10/070472 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 10:22 |
| S56 | 18 | "5641975" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 10:24 |

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| S57 | 568 | Method and S50 and S51 and S40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 10:25 |
| S58 | 90 | Method and S50 and S51 and S40 and (ingot or slice) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/10/30 10:26 |
| S59 | 12390 | 257/77 or 438/45 or 438/149 or 438/151 or 438/163 or 438/479 or 438/931 or "E21.054" or "E21.065" or 148/33 or 148/33.1 or 148/33.2 or 148/33.3 or 148/33.4 or 148/33.5 or 148/33.6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/13 18:31 |
| S60 | 138548 | single adj crystal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2008/05/13 18:31 |
| S61 | 207975 | SiC or (silicon adj carbide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2008/05/13 18:31 |
| S62 | 371 | S59 and (S60 NEAR10 S61) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/13 18:31 |
| S63 | 107 | S62 and ((net adj concentration) or (carrier adj concentration)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/13 18:33 |
| S64 | 0 | S63 and (HTCVT or CVT) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/13 18:33 |

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| S65 | 55 | S63 and (HTCVD or CVD) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/13 18:33 |
| S66 | 12390 | 257/77 or 438/45 or 438/149 or 438/151 or 438/163 or 438/479 or 438/931 or "E21.054" or "E21.065" or 148/33 or 148/33.1 or 148/33.2 or 148/33.3 or 148/33.4 or 148/33.5 or 148/33.6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/14 13:43 |
| S67 | 138548 | single adj crystal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2008/05/14 13:43 |
| S68 | 207975 | SiC or (silicon adj carbide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2008/05/14 13:43 |
| S69 | 371 | S66 and (S67 NEAR10 S68) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/14 13:43 |
| S70 | 107 | S69 and ((net adj concentration) or (carrier adj concentration)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/14 13:43 |
| S71 | 13 | S70 and lifetime | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/14 13:43 |

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